

**METHOD AND APPARATUS FOR DEFINING OPTICAL BROADBAND
SERVICES ON AN OPTICAL COMMUNICATION NETWORK**

ABSTRACT

A method and apparatus for defining optical broadband services on an optical communication network enables broadband optical services to be built from basic service building blocks. According to an embodiment, a service definition software platform includes the ability to specify multiple aspects of optical broadband service to enable the optical broadband services to be defined according to optical service building blocks, gathered into service offering sets, and grouped into service groupings. Individual service offerings can then be built from the basic building blocks and from the service offering sets. By enabling the services to be broken down into building blocks that can then be used to define service sets and groups of services, service providers are more effectively able to market optical broadband services as network products. Additionally, the ability to group particular types of services together enables new types of optical broadband services to be created and offered.